

Amendments to the Drawings:

Two sheets of replacement drawings are attached. As with the original drawings, one sheet includes Figures 3A-3B, and one sheet includes Figures 4A-4C. In the replacement sheets, handwritten content has been replaced with professional artwork for Figures 4A-4C.

In Figure 3A, the following corrections have been made to the fourth row of the table, in accordance with the Detailed Description:

- the underlining has been removed from "Akey" and "Bkey,"
- the stricken-through subscript "sv" in column one had been deleted, and
- the stricken-through term "Bk_{sv}" in column three has been deleted.

No new matter has been added. Approval and entry of these replacement sheets is respectfully requested.

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Upstream Device		Downstream Device
Video Source/Repeater Device (Ak_{sv})		Video Repeater/Sink Device (Bk_{sv})
Generate A_n	A_n, Ak_{sv} → $\leftarrow Bk_{sv}, \text{Repeater}$	
Generate K_m (Akey, Bk_{sv}) Generate K_s, M_0, R_0 (K_m , Repeater A_n)		Generate K'_m (Bkey, Ak_{sv}) Generate K'_s, M'_0, R'_0 (K'_m , Repeater A_n)
Determine if $R_0 = R'_0$	$\leftarrow R_0$	

FIG. 3A

Upstream Device		Downstream Device
Video Source/Repeater Device		Video Repeater Device
Poll Ready	\leftarrow \leftarrow Ready \leftarrow \leftarrow KSV list, V' , Topology	Assemble KSV list $V' = \text{SHA-1}(\text{KSV list} \parallel \text{Topology} \parallel M'_0)$
$V = \text{SHA-1}(\text{KSV list} \parallel \text{Topology} \parallel M'_0)$ Determine if $V = V'$		

FIG. 3B



Replacement Sheet

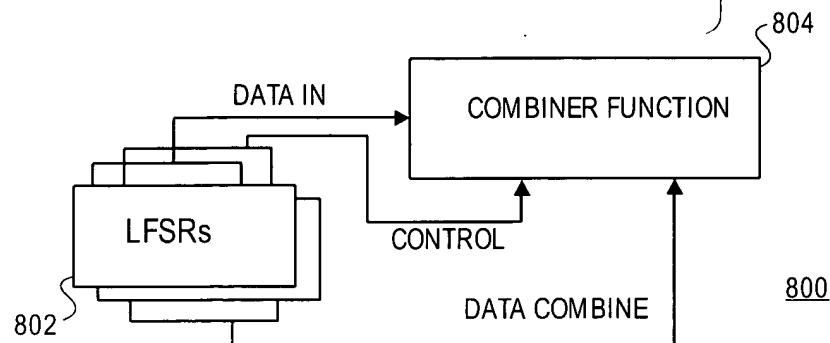


FIG. 4A

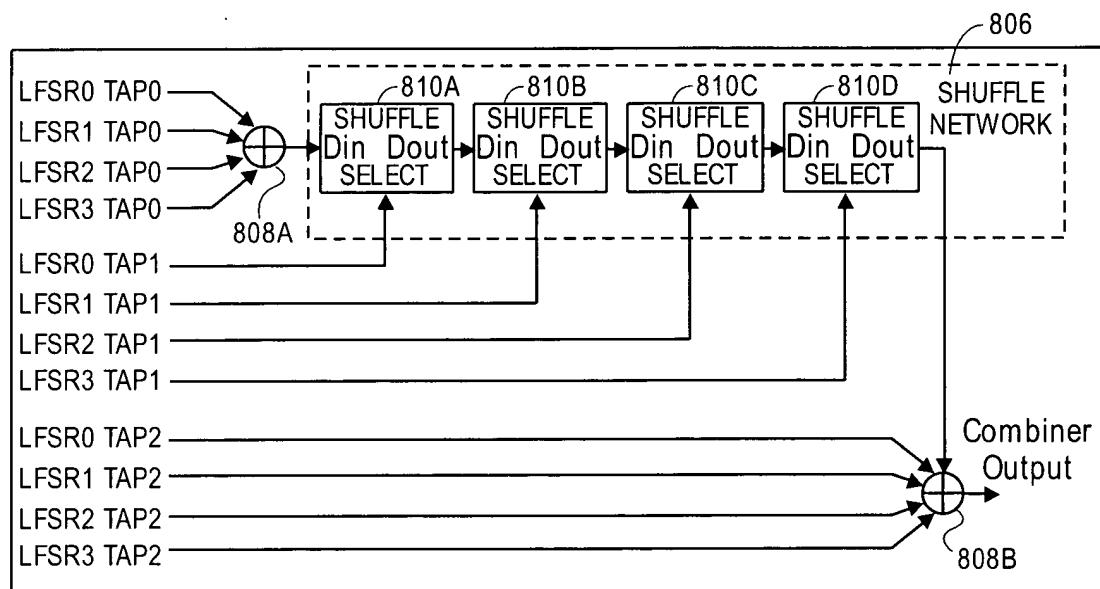


FIG. 4B

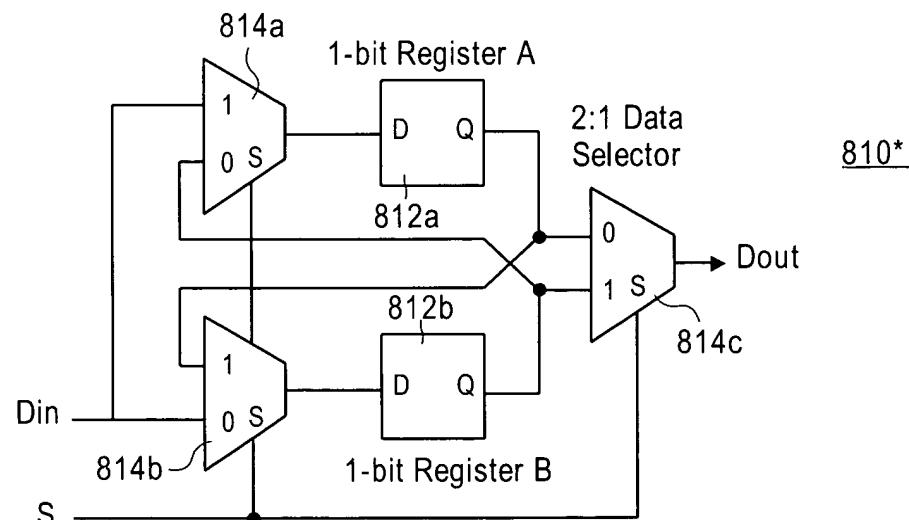


FIG. 4C